

The Tech



Friday, June 8, 1945

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GET THEM INTERESTED

It is almost superfluous to state here that the activities at the Institute are direly in need of more men. The main hope for additional manpower is the freshman class entering next month. In recent years, however, efforts to get freshmen out for activities have occasionally been badly handled.

The past practice of individual activities smokers has failed largely because of the lack of co-ordination between the organizations involved and poor publicity. An activities week was tried and met with some success, but its partial failure can be laid to lack of publicity prior to the affair.

What is vitally needed is something to make the freshmen realize the important part activities play in life at the Institute and to get them interested. The most extravagant smoker is a waste of effort and money if the interest of the freshmen is not aroused in the organization. The solution is obviously a carefully-planned and well-conducted activities smoker. A member of the Faculty might speak on the part played by the activities in the Institute; he would be followed by the heads of the various activities, who could explain the workings of their organizations. This smoker should be held in conjunction and closely interrelated with the smokers of the individual activities. The main thing is that it be well publicized and conducted so as to arouse and hold the interest of the freshmen. There is a large enough number of men in the new class for the activities to be able to run competitions, which would not only arouse interest but would enable the activities to attract the more capable freshmen.

It would be good to remember also those upperclassmen who could easily be attracted to activities if the activities made themselves more attractive.

This is an important and serious problem for all the activities. Presented above is only one possible solution. Doubtless those in activities can devise better ones, but it is high time they got on the ball and did something more concrete than bemoan their lack of manpower.

New I.F.C. Decree Plans Elimination Of Unfair Tactics

New Committee Returns Thumbs Down Decision On Pre-Season Rushing

The Interfraternity Conference held a meeting on Thursday, June 6. The coming Rush Week was the subject of lengthy discussion, and it was decided that any fraternity caught engaging in pre-season rushing will be brought before the committee for immediate expulsion. The suggestion was made that there be no fraternity rushing between the hours of 5:00 P. M. and 9:00 P. M., as has been the custom, during Freshman Camp.

The IFC Dance Chairman presented a full report on the forthcoming Ball, and stated that the probable date for the affair is September 28. A lengthy discussion was held as to the exact status of the second IFC Dance Chairman. It was not decided whether he will be considered as an Assistant Chairman or a Co-Chairman.

At the meeting, Phillip N. Bowditch, 2-46, of Delta Psi, was elected a member-at-large to the Interfraternity Conference.

Dorm Comm. Elections

(Continued from Page 1)

peter, 2-47, Munroe; Sheung S. Chin, 2-46, Hayden; Frank H. Low, 2-46, Wood; George Sawutz, 2-47, Bemis; Charles H. Hart, 10-45, Goodale; and Theodore R. Blakeslee, 2nd, 10-45, Walcott.

The vice-chairmen are: Daniel W. Greenbaum, 2-47, Munroe; Marshall P. Tulin, 2-46, Hayden; Thomas B. Inglis, 2-47, Wood; Richard Bakal, 2-47, Bemis; Jack Mohr, 2-47, Goodale; and Gilbert Marr, 2-46, Wolcott.

Two members-at-large were chosen from the defeated candidates for hall offices. They are David G. Black, Jr., 2-46, and James B. Prigoff, 2-47.

FOR YOUR OWN SAKE

A lot of students, especially lower-classmen, will themselves leaving the Institute at the end of this term through the efforts of the Dean's Office but because of workings of the Selective Service System. Consequently, there is a widespread inclination to "take it easy" and to pay attention to maintaining respectable scholastic ratings. This might do some of you fellows a lot of good if you remember that a clear record will be a great help in picking up when you leave off after the war, especially since the student body will be very large and there will be room for only those men with records.

Sparrow Elects T.C.A. President

22nd Freshman Camp To Be Held July 6-7

T. C. A. elections were held Monday, June 4, the officers elected for the next term being Marvin Sparrow, 2-46, President; Edward F. Brylawski, 2-46, Vice-President, and John F. McCarthy, 6-45, Secretary. Also chosen were Herbert Hansell, 2-46, Assistant Secretary; David R. Clare, 10-45, Treasurer; Fred V. Fuller, 2-46, Assistant Treasurer; and David M. Denzer, Manager of Boys' Work.

As has been the practice for past nineteen years, the T.C.A. sponsor the Freshman Camp orientation program for the incoming class of 2-48. Letters have been sent to all the members of the entering class inviting them to attend.

The 22nd Freshman Camp is scheduled to begin with registration at 4:00 P.M. at Walker Memorial on Friday, July 6. As in the past, the program has been designed to help the freshmen become acquainted with the many phases of Tech life. It includes introductions to classmates, leaders of the administration and faculty, and of student activities. The program also includes three meals for those who attend, supper on Friday and breakfast and lunch on Saturday. The Camp is scheduled to end at 5:30 P.M. on Saturday.

The T.C.A. has also distributed 660 new freshman Handbooks to the incoming students.

Alpha Chi Sigma

(Continued from Page 1) was chosen to assist him in the fulfillment of his duties.

At the meeting previous to the elections, Prof. Albright of the Island delivered a lecture on Silk. Illustrating his discourse with slides, he told of the only commercial producer of silk, which is of prime importance as a hairline for bomb-sights.

Rackmen Close Campaign With Win at Exeter

Interclass Meet and Banquet To Wind Up Activities For Spring

The varsity track team brought current season to a close last Friday with a 94-32 triumph over Andover on their field. This final victory of the spring campaign marks Tech's fourth success in five dual meets, as Andover was the only team to best the Beaver thinclads. Though the intercollegiate schedule has been concluded, the season may not be concluded officially until Saturday night, at which time, the track banquet will be held at the Tech House.

T.I.T. had little trouble last Saturday in overpowering its younger opponents, who figured first in only events. Tech had two double winners in Casey, who sprinted to victory in the 100 and 220, and Hanner, who took both the low and high hurdles. Crimmin and Serrie were their favorite events, the 100 and mile, respectively, and Captain Goldie scored a first in the 880. In field events Worssam dominated the broad jump, while Upton excelled in the javelin throw. Tech tied for first with Exeter's in the pole vault. Korn accounted for a Tech first in discus, as did Speaker in the put.

Morrow will see the final action of the season when the Inter-Meet is held on Briggs Field. Class of 2-46 is favored to capture honors in this intramural competition.

next Monday's ceremony at the Tech House, eight straight T's will be awarded to members of the varsity and lesser recognition will be awarded to thirty one other participants in track. Speaker for the meeting will be Mr. Horace S. Ford, Vice Treasurer.

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Columbia Beats Tech Varsity

Engineer Jayvee Crew Nipped By Half Length

Last Saturday on the swiftly flowing Harlem River in New York, two strong Columbia eights made a clean sweep of the last regatta of the season in which Tech participated. The lion varsity crew showed themselves to be the strongest aggregation in the East as they triumphed over the M.I.T. eight by four lengths in the mile and three-quarter race, a half hour after the Columbia J. V. had defeated the Tech second boat by a half length in a nip and tuck battle.

In the varsity event, Columbia pulled away to a length lead by the end of the first minute and added to it when Tech's number three man caught a crab just before the mile marker. At the finish the Lions were easily in command of the situation and were not in the least threatened by the Engineer's desperate sprint.

J. V. Race Thriller

The J. V. race provided the thrill of the afternoon as the Tech boat overcame an early handicap to pull up even just before the final sprint. However the home crew put up a terrific finish to win.

Technique

(Continued from Page 1)

Graphic Manager; and Charles V. Townsend, 2-47, Assistant Editor.

Issue Ready In August

Alfred J. Oxenham, 6-45, the present General Manager of Technique, expects the forthcoming issue to be ready for distribution about the middle of August. Copies will be mailed to Seniors. Those who wish to buy copies may do so at the Technique office in Walker Memorial between 5:00 and 6:00 P. M. daily at a price of \$5.00 per copy. All Seniors and especially those with outstanding writeups are urged by Technique to turn in their biographies promptly as these are delaying the progress of the make-up.

Theta Chi Sweeps B.K. Track Meet With Five Wins; Fijis Take Second Place

Tech Sailors Win Triangular Meet

The Sailing Team triumphed in a triangular meet over Worcester Polytechnic Institute and Holy Cross last Sunday on the Charles River Basin, as they scored 145 points to W.P.I.'s 123 and Holy Cross's 82 points. Al LaFountain was high man of the day but behind him were Greenbaum, Black, Bromfield, Boll, Levine, High, and Powell each adding their points toward the victory.

Chuck Bloomer and Leigh Brite, sailing at Coast Guard in the McMillan Cup Preliminaries, qualified Tech for the finals in the McMillan Cup Regatta, the big-boat championship of the Intercollegiate Yacht Racing Association to be held at West Hampton, Long Island, on June 23 and 24.

Outing Club To Sponsor Square Dance On June 16

A square dance, to be held Saturday, June 16, in Memorial Hall, Harvard, is to be the last M.I.T.O.C. activity before the three vacation trips, to start during the week of June 24. Alan A. Smith, '42, will call. The dance will begin at 8:00 P.M.

This Sunday there will be a rock climbing trip in the Blue Hills, with a probable added feature of swimming in a nearby quarry. Those going on this trip will meet on the center platform of Park Street Under at 10:00 A.M.

The three vacation trips to be held during the week of June 24 consist of a bicycle trip to New York City and intermediate points, a bicycle trip to Cape Cod, and a 70-mile canoe trip which will end at Saranac Lake, N. Y. Each of these trips will last about a week. Outing Club members may sign up in the Lobby of Building 10.

Relay—Won by Theta Chi; second, Phi Gamma Delta; third, Sigma Alpha Epsilon; fourth, Sigma Chi. Time 1 min. 40.8 sec.

Point Scores

Theta Chi	30
Phi Gamma Delta	15
Sigma Alpha Epsilon	13
Sigma Chi	6
Phi Delta Theta	6

Scherer Wins Twice As Victors Score 30 Points Runner-up Scores 15

Last Sunday morning at Briggs Field, Theta Chi swept the Beaver Key Track Meet as it compiled 30 points to 15 for Phi Gamma Delta and 13 for the S.A.E.'s Stars in the track meet were the Scherer brothers, who accounted for 19 of Theta Chi's points as they took two firsts, two thirds, and led the relay team to an easy victory, and Don Walsh of the Phi Gams who won the high jump in his first attempt in competition.

Rafe Scherer captured both the hundred-yard dash and the broad jump while his brother Rufe took thirds in the high and broad jumps. The relay team composed of the Scherers Bob Wilson and Bob Murray ran away with the 880-yd. relay in 1:40.8. The 440 resulted in a dead heat between Bob Wilson of Theta Chi and Marks of Sigma Chi as the latter finished fast to complete the lap in 58 seconds. Big Al Boissevain heaved the shot 40 feet 11 inches to give Theta Chi five more points.

Scherer Shames Varsity

Several of the performances were startling to see. Rafe Scherer's time in the hundred-yard dash was better than that attained by members of the varsity squad while Don Walsh's spectacular high jump victory was the biggest surprise of the morning. In the broad jump, Scherer made his winning jump at the start and declined to make any further tries. His confidence was justified as no one came within a foot and a half of his mark. The shot was settled in the first round when no one could even approach Boissevain's tremendous heave.

The summaries for the meet follow:

Summaries
100-Yard Dash—Won by R. R. Scherer (Theta Chi); second, Trutman (Phi Delta Theta); third, Wellard (Sigma Alpha Epsilon); fourth, Murray (Theta Chi). Time 9.9 sec.

440-Yard Dash—Tie for first, Wilson (Theta Chi) and Marks (Sigma Chi); third, Macomber; fourth, Stevenson. Time 58 sec.
Broad Jump—Won by R. R. Scherer (Theta Chi); second, Forsythe (Sigma Alpha Epsilon); third, S. C. Scherer (Theta Chi); fourth, Craig (Phi Gamma Delta). Distance 19 ft. 1 in.

High Jump—Won by Walsh (Phi Gamma Delta); second, Schmidt (Phi Delta Theta); third, S. C. Scherer (Theta Chi); fourth, Forsythe (Sigma Alpha Epsilon). Distance 5 ft. 9 in.

Shot Put—Won by Boissevain (Theta Chi); second, Hill (Phi Gamma Delta); third, Harshman (Sigma Alpha Epsilon); fourth, Walsh (Phi Gamma Delta). Distance 40 ft. 11 in.

man about tech

... we egotistical Tech men who think that we make up the foremost idea center of this or any other universe might well pause for a moment and bow reverently toward Medford. It seems as if our ambitious neighbors up at Tufts run not only a Tufts Night at the Pops, similar to Tech Night, but have done us one better—they run an annual Tufts Night at the Old Howard. This latter event, a traditional and anxiously awaited portion of their Senior Week, is marked by a display of extra-pulchritudinous talent by the O. H. management. The Senior Week program at Tufts unabashedly contains the following items in succession: Saturday night, Tufts Night at the Old Howard; Sunday, Baccalaureate Service; Monday, Graduation. Surely there must be room in our Senior Week program for a Tech Night at the Old Howard; if it couldn't be worked into the present scheme, we could always omit graduation or some other relatively unimportant event.

* * *

... not all the cheers yesterday afternoon were for General "Blood and Guts" Patton—close behind the General's car was a sleek Packard limousine bearing the smiling face of one of our own V-12ers. Our hero calmly waved at the crowd of his cheering compatriots and thoroughly acted as though he owned the place. As he passed in front of the Graduate House he gaily waved at a little group, consisting of the Officer-in-Charge—who it seems had a hard time trusting his visual organs—the Educational Officer, and the muscular Physical Training Officer, who was proudly holding the Educational Officer's infant progeny. Whispers went around, "It's the Governor's car!", "MY ROOM-MATE," and so on. But our man was nonplussed. When the story finally came out, it appeared that he had found himself in Central Square when the procession stopped there for a while. He approached a car in the procession which had an empty seat, and asked the driver if he could have a lift as far as the Graduate House. The driver assented and our hero climbed in. The parade moved off, sirens blaring, and the V-12er waving his hat at the girls who cried, "Oooh! Look! A sailor!"

* * *

... to add to the amusement of the V-12ers a rather ancient motor vehicle, proudly bearing the two stars of a Major General, stalled right in front of a sign proclaiming, "No

Catholic Club Sees Circus Life Films

At the last Catholic Club meeting, Wednesday, June 5, technicolor pictures of behind the scene circus life were shown by Father Edward Sullivan, who also furnished a running commentary.

Father Sullivan has been associated with circus life and circus folk for the past 25 years, and is an intimate friend of the Ringling family, and of almost all the circus personnel.

The entire demonstration was most enlightening as it dispelled many conventional beliefs about circus life and circus people.

Lead Moral Lives

To stay in show business and keep physically fit the performers must follow wholesome, and often rigid lives. As a result, Father Sullivan pointed out, they lead excellent family lives and have the highest of morals. He said that the idea that circus folk lead abnormal lives, since they do not earn their living in conventional ways, is wholly absurd.

A tragic note was sounded when scenes were shown of Father Sullivan and Vera Torrence, probably the most beautiful attraction of the Ringling Bros. show, who plunged to her death six weeks ago in Madison Square Garden.

Father Sullivan kept things at a very lively tempo with his rather unconventional views on various subjects, such as profanity. Said the good Father, "I marvel at the way circus folk never repeat themselves," and "It's a language all its own."

Parking, U. S. Navy." Brass hats jumped out like clowns at the circus. The Major General leaped on the running board of a passing car, and a Brigadier hailed a vehicle turning the corner and prepared to climb in. Finding a girl occupying the only available seat, the gallant officer picked her up, sat down, placed her on his lap, and drove off amid the cheers of the assembled multitude.

* * *

... attempts of members of the Outing Club to scale the sheer cliffs of Hayden ended in failure last evening. With a rope around his waist, secured by a compatriot on the roof, one gallant veteran of the Blue Hills ascended as far as the fourth floor balcony. The second man started to ascend and got as far as the second floor window, where he halted to get instructions from the first climber as to how to proceed. At this moment disaster overtook the party in the form of a group of saboteurs who appeared at the third floor window

CALENDAR

FRIDAY, JUNE 8

- 5:00 P.M. 2-46 Senior Week Committee Meeting—Litchfield Lounge
- 5:00 P.M. Hillel Discussion Group—Faculty Lounge
- 5:00 P.M. M.I.T. Physics Society Business Meeting—Room 2-147
- 5:15 P.M. Sigma Xi Lecture on "The Nature of Progress" by H. Phillips—Room 6-120
- 6:00 P.M. A.I.E.E. Dinner Meeting—Smith House

SUNDAY, JUNE 10

- 9:30 A.M. Outing Club Rock Climbing Trip—Steps of Walker Mem.

MONDAY, JUNE 11

- 5:00 P.M. Dormitory Committee Meeting—Ware Lounge
- 5:00 P.M. A.I.E.E. Meeting, Movie on "Carbon-Black Treasure"—R. 6-120

TUESDAY, JUNE 12

- 5:00 P.M. Christian Science Meeting—Room 7-138
- 7:00 P.M. Rocket Society Meeting—Litchfield Lounge

WEDNESDAY, JUNE 13

- 5:00 P.M. Intervarsity Christian Fellowship Meeting—Room 7-145
- 5:00 P.M. Catholic Club Meeting—Room 10-275

Institute Committee

(Continued from Page 1)

approved by the Institute Committee.

Robert E. Spoerl, 2-46, was named chairman of the I.F.C., Robert N. Taylor, 2-46, Secretary, and William H. Schield, Jr., 2-46, Treasurer. Named as Dance Chairman was Walter Kisluk, 2-46, while James S. Craig, 2-46, and Glenn V. Dorflinger, 2-46, were designated members-at-large. Philip D. Jones, 2-46, was approved as Vice-President of the 5:15 Club, as were Howard Weaver, 2-46, and Charles E. Fullerton, 10-46, as members-at-large.

with a knife and started to hack at the rope. The poor unfortunate stranded on the second floor window by this unforeseen attack began to hurl curses and threats at his persecutors, whose reply was to seize the rope and jerk him violently up and down. Unable to retreat or to climb further the Outing Clubber attempted to climb in the window and escape. Seeing this the saboteurs pulled on the rope, suspending him half in and half out of the opening. Unable to free himself from the rope around his waist because the tension in the line prevented him from undoing the knot, the climber struggled violently and managed to crawl inside onto a stair landing. Assisted by fellow climbers on the ground he was able to extricate himself and proceeded to charge his attackers. They refused to give ground and the cliff climbers, sadly crestfallen, decided to quit, remarking that it was safer in the Blue Hills.

T.C.A. Boys' Work Group Holds Outing At Blue Hills

Last Sunday afternoon, for benefit of the more than 25 Boys Workers of the T.C.A., an outing was held at Houghton's Pond. The workers have been giving their time this term at various settler houses and Y.M.C.A.'s to instruct boys in crafts, sports, and a variety of other pastimes.

Charles Dobony, 2-46, for one, has been leading a basketball group at the Trinity House; Howard Hartman, 10-46, has been acting as athletic director for a boys' club at a Y.M.C.A.; Harry Schwenk, 10-46, has been leading newspaper work at the Lincoln House; Marvin Sweeney, 2-47, has been active in the Children's Aid Association; Fred A. Bierhoff, 2-47, and W. F. Biltzer, 6-45, have been leading a wood-working shop group at Charlestown Y. Although there have been over 25 active workers this term, the T.C.A. still needs help of many of the incoming freshmen to fill positions at many of the youth centers in Greater Boston and vicinity.

The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Streets, Boston, Massachusetts

Sunday Services 10:45 a.m. and 7:30 p.m.; Sunday School 10:45 a.m.; Wednesday evening meetings at 7:30, which include services of Christian Science healing.

Reading Rooms—Free to Public, 8 Milk St.; 84 Boston St., Little Building, Second Floor; 60 Norway St., corner of Massachusetts Ave.; 1516 Con Street, Coolidge Corner, Authorised and approved literature on Christian Science may be read or obtained.



The Tech



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CAMBRIDGE, MASS., FRIDAY, JULY 13, 1945

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Sloan Endows Professorship Swope Fellowships Are Also Established

gift of \$350,000 to endow a professorship in the field of industrial management at the Institute was presented by Alfred P. Sloan, chairman of the board of General Motors Corporation, at the annual Day banquet on June 23. At the same time President Karl T. Compton announced a gift of \$100 from Gerard Swope, who recently retired as president of General Electric Company, to a group of postgraduate students. Both Mr. Sloan and Swope are members of the Institute's 50-year class of 1895. These individual gifts, Dr. Compton said, had been increased by \$25,000 for scholarships from the year class as a whole, bringing the total to \$475,000. In sum-

(Continued on Page 4)

Dorm Committee Elects Officers, -Comm. Heads

Monday afternoon the Dormitory Committee held its first meeting this term in Ware Lounge. Consideration was given to the election of new officers and the question of orienting new freshmen. In this vein, questionnaires were sent to new freshmen in order to find out what their interests in dormitory activities might be.

W. Hanpeter, 2-47, was elected Treasurer; and Sheung S. 2-46, was elected Secretary of the Committee. A discussion concerning various dormitory sub-committees brought out the fact that all dormitory residents, including freshmen, are eligible to serve on dormitory sub-committees.

Men elected to serve for the two terms as sub-committee chairmen are: Robert Goodstein, athletic; Claude W. Brenner, information; Alan R. Gruber, dinner; James Pickel, 6-45, Service; Norman N. Holland, finance; David M. Denzer, 2-46, Room; and Henry Koerner, Park Room.

Solons Choose New Executives

Frosh Rules Committee Handles Sale Of Ties

At their last meeting, Thursday, June 14, the Institute Committee held elections to fill the remaining vacancies on the Executive Committee. Robert E. Spoerl, 2-46, was raised to the Vice-Presidency; William J. Burnsall, 2-46, was named Secretary; and Alan R. Gruber, 2-46, became Member-at-Large. Edward S. Hill was approved as Student Faculty Chairman.

The Institute Committee also dealt with the problems presented by the incoming freshmen class. A Freshman Rules Committee was set up to handle the sale of freshman ties and the enforcement of freshman rules.

The members of the new committee include T. R. Blakeslee; Robert W. Hanpeter, 2-47; James S. Craig, 2-46; Charles D. Losee, 10-46; and Daniel B. Carmody, 2-46. Proceeds from the sale of freshmen ties will be split evenly between the Institute Committee and the freshmen treasury.

The Institute Committee also decided that the custom of forbidding the incoming freshmen to wear prep or high school letters should be continued. Only the awards of the M.I.T.A.A. will be held acceptable.

Rally To Be Held For Dorm Frosh

Freshmen To Be Urged To Enter Activities

The freshman sub-committee of the Dormitory Committee and Agenda, the Sophomore honorary society, will sponsor a freshman activities rally for Dorm men from 7:30 P.M. to 9:00 P.M. next Tuesday, July 17, in Room 6-120.

The purpose of the rally is to get the new freshmen class out for activities. Several members of the faculty, as well as representatives from the various activities will speak at the rally, which has been planned to supplement the various activities smokers being held in the next week.

Activities questionnaires have al-

(Continued on Page 4)

Activities To Report To Budget Committee

William H. Semple, 2-46, Chairman of the Budget Committee, requests the financial reports for the fiscal year beginning July 1944 of all activities that have received in the past, or wish to receive in the future, funds through the Budget Committee, be turned into him by Thursday, July 21.

A post on the Budget Committee is open to members of the classes of 10-46 and 2-47. The student who receives this position will take over as Chairman of the Budget Committee at the end of the current term. Those interested should come to the Budget Committee office in Walker Memorial on Monday, Tuesday or Wednesday of this coming week, between 5:00 P.M. and 6:00 P.M.

Cope Is Appointed Head Of Chemistry Department Here

Prof. Keyes Retires As Hamilton Becomes New Exec. Officer

The appointment of Prof. Arthur C. Cope as head of the department of Chemistry at the Institute was announced recently by President Karl T. Compton. Appointment of Dr. Cope followed a request of Prof. Frederick G. Keyes, head of the department since 1923, that he be freed of administrative work so that he may concentrate, in his capacity as professor, on important research in the field of physical chemistry. Simultaneously with Professor Cope's assuming his new post, Prof. Leicester F. Hamilton, who had been acting head of the Department during Professor Keyes's leave of absence for war work, became executive officer of the department.

Dr. Cope was appointed professor of chemistry in 1944, coming to the Institute from Columbia University. Distinguished for his work in organic synthesis, he was the recipient last September of the \$1,000 American Chemical Society Award in pure chemistry. Dr. Cope received

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Details Of War Research Work Are Revealed

Institute's Contribution To War Effort Cited By Pres. Compton

President Karl T. Compton, in addressing the Class of 6-45 at the Commencement exercises held on Monday, June 25, in the New England Mutual Hall, presented in part the Institute's tremendous contribution to the war effort through research and development work on over two hundred war projects. The exact nature of this work has been, until now, a matter only of conjecture for all but a few key men.

Following are sections of Dr. Compton's address which deal with these contributions. The excerpts, including the history of the Radiation Laboratory and its vital achievements, will be concluded in next week's edition of *The Tech*.

"Now that V-E Day is past, it is permissible to lift a few corners of the shroud of secrecy which has covered those aspects of M.I.T.'s

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Dorms Now Report No Room Shortage

"There is no housing shortage in the dorms," Henry K. Dow, manager, announced when being interviewed by a reporter from *The Tech*.

Permanent accommodations were found for all applicants by 6 P.M. last Monday, Mr. Dow stated. "There were 175 on the waiting list at one time, but the fraternities took care of quite a few." He added that, although there are no waiting applicants, there are no vacancies, either. The temporary double beds in the Music Room and Ware Lounge, which took care of 35 men for several days have now been removed.

Mr. Dow said that the situation this year was quite similar to that in previous years, and that the problem assumes just about the same proportions whenever there is a large freshman class.

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A SIGNIFICANT GIFT

Alfred P. Sloan, Jr., '95, recently presented the Institute \$350,000 to establish a professorship in industrial management. The significance of this most generous gift must not be underestimated. Most of the other prominent educational institutions in this country have long had many endowed professorships, but, until the receipt of Mr. Sloan's gift, the Institute has never had such established chairs. Richly endowed professorships are an excellent means of attracting outstanding men to the faculty. Mr. Sloan has been eminently successful in the important field of industrial management as Chairman of the General Motors Corporation; his Alma Mater is deeply grateful to him for providing the wherewithal for a splendid professorship in his chosen field.

A WORD OF WELCOME

We should like to take this opportunity to welcome the entering freshman class, the Class of 2-48, to the Institute. Possibly this class will not escape the fate of its wartime predecessors. Its ranks will probably be decimated by the needs of the armed services. For this reason we urge every freshman to get the most out of his stay at the Institute, be it short or long.

Undergraduate organizations offer much to those who take part in them. These organizations not only provide agreeable relaxation from everyday classroom routine but they also offer training in lines of endeavor far different from the regular Institute curriculum. Like most things in life, you can get out of activities only what you put into them. It's up to you to take advantage of your opportunities.

VOO DOO AGAIN!!

It seems as if the boys on the Voo Doo staff have given up even trying to be subtle. All we could say was "Ugh!" when we read their most recent miscarriage of humor. We respectfully suggest that their motto be made "Look to Voo Doo for crude-ership."

War Research

(Continued from Page 1)

war work outside of the very substantial educational programs for Navy V-12, Army Specialized Training, and Army Air Force Meteorology.

"Among the two hundred or more war research jobs performed by the Institute, the following are illustrative examples.

"When the rubber crisis became imminent, and it was clear that our nation would have to depend on the new synthetic rubbers, there had not been developed any successful method for reclaiming synthetic rubber. The Institute initiated a research and development program in which Professor Ernst Hauser and his colleagues in our Chemical Engineering Department were eminently successful. The process has been turned over to the rubber reclaiming industry, which is now using it.

"Professor Stark Draper in our Aircraft Instruments Laboratory, aided by a small enthusiastic group and supported by the Sperry Gyroscope Company, invented and perfected an anti-aircraft computing gun sight, known as Mark 14 Sight, which has been manufactured by the Sperry Gyroscope Company and used by the Navy in numbers surpassing all other computing anti-aircraft sights combined.

"Professor Robley Evans and his physics associates who run the M.I.T. cyclotron have utilized this instrument and its radioactive products to play a key role in the cooperative program for developing methods for preservation of whole blood, and maintaining its standards. This work has been significant in laying a technically sound basis for the great blood donor program and the use of whole blood to save hundreds of thousands of lives among the war wounded.

"Professor Gordon Brown, in a sizable group in his Structures Laboratory of Electrical Engineering Department designed the control mechanism which points all the Army's millimeter (Bofors) guns. This was especially cited by Major General G. M. Barnes when he presented to M.I.T. the Distinguished Service Award from the Army Finance Department.

"Certain special facilities of the Institute, with their operating staffs, have been operating day and night all through the on war jobs. For example, Wright Brothers Wind Tunnel group have, since five years dropped their fundamental search program and have worked for a large number of aircraft manufacturers to perfect the dynamic designs of the new types of military aircraft.

"Similarly, a striking story can be told of the war contributions made by our Center of Analysis and its assembly of mechanical and electrical-automatic computing devices. By far the most powerful computing device ever built is whose existence or description has not been publicly announced, an electrically operated difference analyzer, built with aid of a substantial grant from the Rockefeller Foundation. As one expert, in the M.I.T. staff expressed it (in some exaggeration), 'it works the Navy's ballistic tables in time after five o'clock.' To the latest, but by no means last, of the remarkable group of computing devices conceived by Vannevar Bush and his colleagues Professors Wiener, Caldwell, T. Brown, and others. They solved high speed problems of arithmetic, algebra, differential and integral equations, statistics and selection."

WANTED!!

To serve as General Manager
of THE TECH for Volume LXVII

JOHN Q. FRESHMAN, 2-48

Last seen wandering in corridors wearing
red and gray tie and bewildered look.

Description: Height: 4' 10" to 6' 9"

Weight: 95 lbs. to 260 lbs.

Hair: Brown, blond, black, red or none

Eyes: Full of sparkle and imagination

Anyone who has information concerning the person described above should report to THE TECH Smoker on Wednesday, July 18, at 8 P.M., in the Litchfield Lounge.

Frosh Rally To Be Held Monday

A.A. Sponsors Meeting; Movies, Talks Planned

Freshmen will be officially introduced to the fields of Tech athletics at M.I.T.A.A. rally at 4:00 P.M. Monday in Room 2-390. Following the indoor session of an hour's duration the meeting will adjoin to the locations of the different sports. The object of the rally is to start the freshmen actively in the phase of athletics in which they are interested.

Stated at the four o'clock program will be several short talks and movies of school activities. Oscar Lund, track coach, will be the principal speaker, while the movies, color, will depict primarily various sport activities. Opportunity will be offered for men not only to commence participating in athletics but also to serve with the A.A. in the capacity of publicity and equipment managers and members of the treasury.

At the conclusion of the program team managers and captains of football, crew, tennis, swimming, basketball, soccer and lacrosse will lead the group to the places of the sports, where the freshmen will be informed of plans for practice and become acquainted with the facilities and leaders of each.

Spiesberger Made New Chairman Of A.I.E.E.

The election of officers of the A.I.E.E. student chapter at Tech for the summer and fall of 1945, has just been announced. The new officers are: Chairman, Ned A. Spiesberger, 2-46; Chairman Leroy C. Wellard, Secretary, Warren H. Turner, and Treasurer, Alexander W. Van, 2-46.

Meetings were held during the first part of last term by means of mailing through the mails.

Track Team Wins Five Dual Meets, New England Title During Spring

M.I.T. wrote another commendable record into Tech track annals during the past season by winning four of five dual meets and placing well in various championship events, such as the Indoor A.A.U. and New England Intercollegiate Track and Field Meet. The team's banner achievement was winning the New England Intercollegiate crown with the unprecedented total of 60 7/10 points, the highest aggregate piled up by a single team in the fifty-eight year history of the meet.

By virtue of a large turnout of talent during the winter season, Tech got off to a fast start in the spring, as evidenced by victories in the Indoor A.A.U. and I.C.4-A. two-mile relay in Madison Square Garden against leading college and club teams. To finish the indoor activity the Beavers won the point trophy of the New England Indoor Championship Meet held at the Boston Y.M.C.A.

Aided by ideal weather, the squad quickly rounded into top form for the spring campaign. Tech inaugurated the five-meet schedule with a sweeping 93-41 verdict over Harvard on Briggs Field. The team then experienced its first setback, at the hands of Andover. Handicapped by the loss of ace sprinter Bill Casey through a leg injury, Tech saw the prep school boys blemish its record by score of 64 1/3 to 61 2/3. The Cardinal and Gray team once more flashed its power the following week, however, when Tufts was vanquished by a 103 1/2-31 1/2 count.

The New England Intercollegiate championship meet found M.I.T. host to fifteen schools, as the competition was held May 12 on Briggs Field. Distributing its scoring strength over twelve of the fifteen events, Tech, the defending title holder, broke the team scoring mark set by Dartmouth some thirty years

ago. Seventeen men, paced by Casey, Serrie, Crimmin, Goldie and Hines, contributed to Tech's scoring effort. Rhode Island was runner-up with a total of 36 1/2 points.

The Beavers traveled to Williams-town for their third dual victory of the year, turning back the host Williams team by the score of 89-37. The final triumph of the season was won at the expense of Exeter, as Tech ran up 94 points to the opponents' 32.

The final event of the season was the intramural Interclass Meet, won handily by the Juniors. The highlight of the meet was the 440, in which Royce Crimmin established a new school record of 47.7 seconds.

Prof. Cope

(Continued from Page 1)

his bachelor of science degree from Butler University in 1929 and his doctor of philosophy degree from the University of Wisconsin in 1932. Professor Hamilton, a member of the Institute's staff since his graduation in 1914, has been in charge of undergraduate instruction in Chemistry since 1935.

Dr. Keyes joined the staff of the Institute in 1910. Under his able leadership, the department of Chemistry has played an influential role in the development of fundamental research and graduate study at Technology and has awarded the largest number of doctor's degrees of any department at the Institute.

In making known these administrative changes, President Compton likewise announced that in accord with discussions by the staff of the department of Chemistry, the Executive Committee of the Institute's Corporation has voted to approve reorganization of the department without the present separate divisions and laboratories of organic, inorganic, and physical chemistry.

Phi Gams Take 1944-45 Trophy In Beaver Key

Victors Won Softball, Football Titles; S.A.E. In Runner-up Position

By virtue of championships in football and softball early in the season, Phi Gamma Delta won the 1944-45 Beaver Key crown with a total of 114 points. Sigma Alpha Epsilon, trailing by nineteen points, achieved the runner-up slot. Complete final tabulations found the following organizations in the top ten: Phi Kappa Sigma, 72; Wood Dorm, 39; Theta Chi, 38; Delta Kappa Epsilon, 33; Sigma Chi, 29; Alpha Tau Omega, 20; Phi Delta Theta, 14; Sigma Alpha Mu, 12.

With the scoring in the major sports — football, softball, basketball, and volleyball — on the basis of 45 for first, 27 for second, 18 for third, and 12 for fourth, the winning Phi Gams achieved almost their whole point total in softball and football. Other sport champions were S.A.E. in basketball, Phi Kappa Sigs in volleyball, A.T.O. in swimming, and Theta Chi in track.

Catholic Club Holds First Meet July 11

The Catholic Club held its first meeting of the summer term on July 11 at 5:00 P.M. in the 5:15 Club room in Walker Memorial, with president John T. Harvel, 2-46, presiding. Harvel presented Father Fisher, the club chaplain, who spoke briefly on the purpose of the Newman Clubs—which is the bringing together socially of the Catholic students in the colleges.

The members of the club were informed of plans for the opening of a special Newman Club Center in Boston. Archbishop Cushing has purchased a house for the purpose, which will be run by the Paulist fathers. There will be a library and facilities for dances and lectures in the house, which will be ready for use this fall. Tech Catholic Club members may be admitted to the center by displaying their membership cards.

The membership fee in the club is \$1.00 per term. Meetings are at 5:00 P.M. every Wednesday, hereafter, in Room 10-275. Activities this term will include Communion breakfasts, lectures and dances.

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Reading Rooms—Free to the public, 8 Milk St.; 84 Boylston St., Little Building, Street Floor; 60 Norway St., corner Massachusetts Ave.; 1316 Beacon Street, Coolidge Corner. Authorized and approved literature on Christian Science may be read or obtained.



Freshman Camp Held Last Week; 499 Men Attend

Alumni, Faculty Greet New Undergraduates At Dinner In Morss Hall

On Friday, July 6, four hundred and ninety-nine of this term's entering freshmen were extended a warm greeting by Technology and its leaders at the traditional T.C.A.-sponsored Freshman Camp. At a dinner meeting held Friday evening in Morss Hall, Prof. B. Alden Thresher, Director of Admissions, gave the freshmen facts and figures on their class after which Prof. William T. Timbie, of the Department of Electrical Engineering, and Mr. Raymond S. Stevens, Member of the Corporation, welcomed the class for the faculty and alumni respectively. James R. Killian, Jr., Executive Vice-President of the Institute, concluded the meeting with an official welcome from Technology after Dean Thomas P. Pitre had given the freshmen an idea of what lay ahead of them in the first few weeks of the term.

On Saturday morning the class assembled in Huntington Hall to learn of the various activities in and around the Institute from their respective leaders, and to hear something about Field Day and the traditional freshman - Sophomore rivalry from track coach Oscar Heddle. The interspersed appearances of "Obie" Denison, as usual, were among the highlights of the meeting.

Track Meet Held

In the afternoon, after a brief presentation of the various sports at the Institute, a very informal track meet took place, while in the traditional freshman - counselor softball game the frosh emerged victorious by a score of three to two.

The T.C.A. sent a newly published booklet called "The Church Serves" to give entering freshmen information on the principal churches and various religious activities around Boston.

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Letters to the Editor

Editor of The Tech

Dear Sir:

We wish to take The Tech to task for what seems to us an incomplete job of reporting. The article in question is the last paragraph of the syndicated column "Man about Tech," in your issue of June 8. First of all, we suggest that the part about "the poor unfortunate stranded on the second floor window" be rewritten as follows: "After having cut one strand of the safety rope, the jokesters proceeded to pull the climber off his reasonably secure position with the weakened rope. This stimulated much speculation among the crowd as to whether the climber was going to fall directly down upon the concrete sidewalk twenty feet below, or whether he would first bounce off the pointed lamp fixture above the first floor door." Secondly, we think you should have pointed out that the rope cost the M.I.T. Outing Club \$21, and as yet no offer has been received by the club to pay for the damage.

It seems to us that these facts will help your readers to appreciate the full humor of the situation.

Yours truly,

James W. Shearer, 6-45
Rolle E. Glover, III, 2-47

Dorm Rally

(Continued from Page 1)

ready been sent out to the freshmen to find out just what activities the freshmen have been in in high school, and their preferences among Technology activities. From these questionnaires lists of men interested in each activity will be compiled and given to the various activities.

The rally will also give the new freshmen a chance to ask questions they might have about life at Technology. The freshmen who live in the dorms will be urged also to come out and work on various committees.

504 Frosh Ties Sold Last Monday To Incoming Class

Five hundred and four freshman ties were sold in the registration line last Monday by the Freshman Council, the Freshman Rules Committee, and the Executive Committee of the Institute Committee.

Although wearing of the freshman ties is not enforced this term, the Freshman Rules Committee points out that the wearing of the tie has been a tradition at Technology for many years, that it serves to unite the freshman class, and that those who do not observe the custom will be looked upon with the utmost scorn by their classmates, and by upperclassmen. If the freshmen win Field Day, however, they will be recognized and will no longer be expected to wear the barber-pole striped tie.

Although freshmen are not compelled to buy ties through the Institute Committee agency, they are helping their class by doing so, since half of the profits from tie sales goes to the Freshman Class Treasury. The other half goes to the Institute Committee.

The first freshman to purchase a tie in the registration line was Norman Herbert of Verona, N. J., and the 500th buyer was Irving Kagan of Bangor, Me.

Middlebury Gives Killian Honorary Doctor's Degree

James R. Killian, Jr., executive vice-president of the Institute, was awarded the honorary degree of Doctor of Science by Middlebury College on June 25. Dr. Killian is a member of Technology's Class of 1926.

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Dramashop Holds Tryouts For "Arsenic" Today

Tryouts for the Dramashop summer term production, "Arsenic and Old Lace," are in progress. All members of the Class of 2-48 who have had previous experience in dramatics or stage work are invited to attend today's tryouts from 4:00-6:00 P.M., in Room 211. The date of presentation is yet undecided, but Professor D. M. Fuller, director of Dramashop, has stated that it will take place the end of August or early in September.

Sloan Gift

(Continued from Page 1) Marizing donations to the Institute for the past twelve months, he reported a total of nearly \$2,000.

President Compton, in accepting these three gifts from the Class of 1895 and two of its most distinguished members, said:

"We share the conviction that the future of this country is full of opportunities as it is of problems. It is the business of the Massachusetts Institute of Technology to educate young men in the fields of science and technology so that they may be able to tackle these problems effectively and to make constructive use of these opportunities, not only for the sake of their personal advancement but as a contribution to the intellectual, industrial, and advancement of our nation. These splendid gifts will be possible further significant elements in the Institute's program of education and national service."

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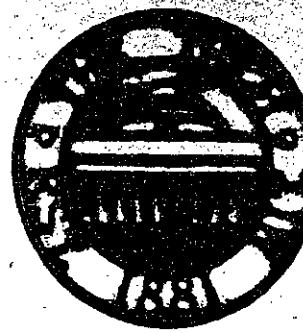
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LXV, No. 22

CAMBRIDGE, MASS., FRIDAY, JULY 20, 1945

PRICE FIVE CENTS

F.C. Dance Sept. 28

ame Band Will Play
or Affair In Statler

The date of the I.F.C. dance has
set as Friday evening, Sep-
tember 28, it was announced yes-
terday by Daniel B. Carmody, 2-46,
committee chairman of the

place is to be the Imperial
room of the Hotel Statler and
will be provided by a big
band between the tentatively
suled hours of 10:00 P.M. and
A.M. An announcement is
coming as to whether or not
ernity party will be held the
fter the dance.
ets to the dance are to cost
ximately \$6.50.

Dormitories Hold Freshman Rally

ety Attend Gathering
6-120 On Tuesday

n effort to better acquaint
ory freshmen with the life
ndergraduate activities of
ology, the Dormitory Com-
sponsored a rally for all
freshmen last Tuesday at
M. in Room 6-120. Presiding
the meeting was Marshall P.
2-46, Chairman of the Fresh-
committee of the Dormitory
tee.

itory upperclassmen, repre-
each of the major activi-
turn exhorted the ninety
en assembled to join his
ar activity. The bright mo-
the evening came when the
Club's Rolfe E. Glover, III,
gressed a little, smashing a
egg over the lecture table.
he performance of the trick
do with the Outing Club
did not mention.

very A. Ashdown, Master of
duate House, plugged for his
pastime, studying, and was
applauded at the conclu-
his talk. Chairmen of the
committees attached to the
ry Committee also spoke
the group, after which the
was adjourned, having
ver an hour and a half.

Wadel And Smith Approved To Posts As T.E.N. Heads

Tulin Elected Secretary Of Institute Committee At Meeting Yesterday

The Institute Committee at its
meeting yesterday approved the ap-
pointment of Louis B. Wadel, 2-46,
as General Manager of T.E.N., and
of Sidney L. Smith, Jr., 2-47, as Edi-
tor-in-Chief. Marshall P. Tulin,
2-46, was elected Secretary of the
Committee for the next two terms.

Also approved were the elections
of Edwin T. Bean, Jr., 2-46, as Gen-
eral Manager of the Debating So-
ciety, Jack L. Uretsky, 2-46, as the
Institute Committee Representa-
tive for Voo Doo, Walter A. Lack,
2-47, as Circulation Manager, and
William H. Wiehl, 2-47, as Business
Manager of that publication; Roger
Bart, 2-46, as Chairman of the Elec-
tions Committee, and James S.
Craig, 2-46, as Chairman of the
Freshman Rules Committee.

A committee with Thomas F. Kel-
ley, Jr., 2-46, as Chairman was ap-
pointed to investigate the Com-
bined Professional Societies, and is
to report on its findings next week.

Elected to the newly-formed Vet-
erans' Committee of the Institute
Committee were Edward L. Belcher,
2-46, Jack L. Mohr, 2-47, Elmer B.
Sampson, 2-47, Robert E. Spoerl,
2-46, and Jay Zeamer, G.

Dr., Mrs. Compton To Receive Frosh Sunday, July 22

President and Mrs. Compton will
hold a reception and tea for the
entire freshman class on Sunday,
July 22, from 4:00 P.M. to 6:00 P.M.,
in the garden of their home at 111
Memorial Drive. The freshmen
instructors and their families are
also invited.

Dean Harold E. Lobdell and Dean
and Mrs. Thomas P. Pitre will re-
ceive with President and Mrs. Compton.
Among others present will be
Professors Robert S. Williams, Deputy
Dean of Engineering, George R.
Harrison, Dean of Science, and Rob-

(Continued on Page 4)

Eligibility Rules Readjusted By Field Day Heads

Class of 10-46 Unites With Sophomores For Clash With 600 Frosh

The class of 10-46 will join forces
with the class of 2-47 in opposing
the freshman classes of 10-47 and
2-48 in the forty-fifth annual Field
Day scheduled for August 25, it was
announced by James V. Chabot,
2-46, Chairman of the Field Day
Committee. This departure from
the usual custom was decided upon
in view of the large size of the
freshman class and the small num-
ber of the Sophomores. The fresh-
man, some six hundred strong, are
to be opposed by approximately five
hundred Sophomores and first term
Juniors. No 10-46 letterman, how-
ever, will be eligible to participate
in any sports in which he has re-
ceived a letter.

There will be seven events again
this year, all of which are to count
as three points each, except the
glove fight, which will count four.
The preparations for Field Day lie
in the hands of the Field Day Com-
mittee, which is made up of the
Executive Committee of the Insti-
tute Committee, the president of the
M.I.T.A.A., and the presidents of
the Sophomore and freshman
classes.

Outing Club Plans Smoker For Tonight

Trips And More Social Affairs Also Scheduled

The Outing Club will sponsor a
smoker to be held to-night at 7:00
P.M. in Faculty Lounge, Walker
Memorial, to introduce the club and
its activities to the new freshmen
class, it was recently announced.

The smoker will feature movies
and talks by members on skiing,
mountain-climbing, and other ac-
tivities in which the club partic-
ipates. Refreshments wil be served,
and there wil be some informal
singing.

The Outing Club will sponsor a
square dance in the Harvard Mem-

(Continued on Page 4)

Compton Reveals Vital Role Of Radiation In Defeating Atlantic Submarine Menace

After citing a few illustrative ex-
amples from among the two hun-
dred or more war research jobs per-
formed by the Institute—some of
which were given in last week's
The Tech—President Karl T. Com-
pton continued his Commencement
Address with a brief history of
the Radiation Laboratory, and cited
a few of its most outstanding
achievements.

"We have had another great war
activity," President Compton con-
tinued, "which has not been dis-
tinguishedly an M.I.T. affair, but which
has been a cooperative effort by
scientists and engineers loaned
from several hundred colleges, uni-
versities and companies. I refer to
the M.I.T. Radiation Laboratory,

operated by M.I.T. under contract
with the Office of Scientific Re-
search and Development. This is
the largest research organization,
so far as we know, in the history of
the world. Its aggregate five years'
budget runs to many millions of
dollars, but the manufacturing pro-
duction of its products is already
measured in billions of dollars.
Headed by Dr. Lee DuBridge, backed
by a brilliant aggregation of sci-
entists and engineers forming its
Steering Committee, its perform-
ance is one of the outstanding suc-
cesses of the war.

"During 1942 when the German
submarine menace was at its height
and even our coastwise shipping

(Continued on Page 2)

(Continued on Page 4)

The Tech



Vol. LXV

Friday, July 20, 1945

No. 22

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Night Editor: Robert G. Wilson, 2-46

Assistant Night Editor: Bernard H. Geyer, Jr., 10-47

IT'S LATER THAN YOU THINK

If the Sophomores intend to prevent the freshmen from becoming the twelfth first-year class to emerge victorious from the Field Day battle, without resorting to the use of hand grenades and trench mortars, they had better begin showing some signs of life. If spirit means anything, and we certainly think it does, the freshmen will be heavy favorites to run away with the 45th Annual Field Day on August 25.

When tentative Field Day plans were first announced at the end of last term, there was considerable feeling among the members of the Class of 2-47 that they would be hopelessly outnumbered and that trying to beat the freshmen would be both futile and painful. The Field Day Committee, however, has decided to let the Class of 10-46 fight with the Sophomores; this decision, although it leaves the freshmen with some advantage in numbers, promises to make Field Day close and exciting, for what the Sophomores lack in numbers they make up for in experience.

Rallies have been planned for next Thursday for the freshmen and for next Friday for the Sophomores. Present indications are that the freshmen will have large numbers of enthusiastic candidates out for all their teams while the Sophomore "rally" will be something of a misnomer.

The Field Day Committee has done its share in deciding on an equitable distribution of the classes; it's up to the Sophomores, together with the Juniors in the Class of 10-46, to show some spirit and make the Field Day of 1945 a good struggle and one of the highlights of what otherwise promises to be a rather dull and hot summer.

War Research

(Continued from Page 1)

lanes were under continuous attack, the Army Air Forces initiated patrol and attack by aircraft fitted with radar. The planes used in this first program were equipped with radar designed, built and installed by the M.I.T. Radiation Laboratory. This, as much as any other one thing, marked the turning point in the anti-submarine campaign. Soon this type of air patrol, coordinated with ships, became standard practice by the Navy.

"The Eighth Air Force planned continuous strategic bombing of German war industrial targets beginning in the late Fall of 1943. But during winter and spring the weather over Germany is such that only about four days per month could be expected to have skies clear enough for visual bombing. The Commanding General sent a number of experienced bomber crews to Boston. Here radar equipment designed and constructed in the Radiation Laboratory was being installed in the group of heavy bombers destined to be the Eighth Air Force's "pathfinder squadron." The laboratory personnel then worked with these crews in their initial training in use of the equipment.

"The pathfinder squadron then flew to England and led and directed the strategic bombing operations over Germany during the period from November, 1943, to the middle of February, 1944, at which time commercially built equipment began to be introduced. However, the Radiation Laboratory equipment continued the operations to the middle of March, 1944, at which time this laboratory built equipment was fully superseded by much more adequate quantities of the commercially built equipment based on the same designs. Thus the Radiation Laboratory played a very important role in making technically possible the crippling blows struck by General Doolittle's great Air Force.

"The above essential facts about radar in the anti-submarine campaign and in the allied bombing operations over Europe are matters of public record, but M.I.T.'s part in these episodes has not previously been disclosed.

"Also hitherto undisclosed is the fact that M.I.T. operated a field service laboratory in England during the last two years of the war. This BBRL (British Branch of the Radiation Laboratory) had direct channels of supply, communication and exchange of personnel, under military auspices of course, with

(Continued on Page 3)

**Professor Keith,
Course XIII Head,
Retires In January****Becomes Prof. Emeritus
After Having Served
35 Years On Faculty**

The pending retirement of Professor Henry H. W. Keith, head of the department of Naval Architecture and Marine Engineering at the Institute since 1937, was announced here last night. Professor Keith, member of the Class of 1905, will retire on January 1 with the rank of professor emeritus.

In addition to his work as professor of Naval Architecture, he served for the past 20 years as consultant at the Fore River plant of the Bethlehem Steel Company shipbuilding division in Quincy where he has planned many difficult launches, including the famous airplane carrier U.S.S. Lexington in 1925 and the battleship U.S.S. Massachusetts in 1939. He is widely known also as an authority on the design and construction of naval vessels and especially on the powering of ships.

Keith Trained U. S. Navy Men

The department of Naval Architecture and Marine Engineering Technology is the largest of its kind at three American schools giving professional instruction in the field, and as head of this department, Professor Keith has had a major role in the training of naval architects and marine engineers. The department which he headed has trained United States Navy construction and engineering officers who have played an important part in building the American Navy of today. In addition, the department has trained many stu-

(Continued on Page 3)

Boit, Dalton, and Chu**89 BROAD STREET****BOSTON****INSURANCE
OF
ALL KINDS**

Edgerly Chosen Captain Of Crew In Boat Club Election

uart Edgerly, Jr., 2-46, was elected captain of the crew last day for the coming fall season. Member of the varsity during the spring season, Edgerly also had a season's experience with junior varsity last fall.

a meeting in Litchfield Lounge Wednesday evening, the Boat Club elected its officers for the season. Designated as commodore was Heuchling, who held a regular position with the varsity during the year. The vice-commodore position went to Martin Ray, varsity while Ralph Hushke, a member of the jayvee, will serve as secretary-treasurer. Also considered at Boat Club meeting were plans for beach party in the early part of August.

Hillel Holds Smoker Tuesday, July 24

The Hillel Society of M.I.T. will hold a reception for freshmen and entering students on Tuesday, July 24, at 5:00 P.M. in the Hillel Lounge of Walker Memorial Hall. The featured speaker is to be Professor Bernard S. Gould, '32, of the Department of Biology, who will talk on "The Importance of Participation in a Jewish Students' Organization at College." Marvin Sparrow, past president of Hillel, will discuss the structure and past activities of the society.

Plans for the Hillel Society to be held August 4th will be announced. Louis B. Wadel, current president, will be present at the meeting, and in discussion is expected to be most of the time, as the planned program will be brief. Refreshments will be served.

The First Church of Christ, Scientist

Alsmouth, Norway and St. Paul Streets, Boston, Massachusetts

Services 10:45 a.m. and 7:30 p.m.; School 10:45 a.m.; Wednesday evenings at 7:30, which include testimony of Christian Science healing.

Reading Rooms—Free to the Public, 8 Milk St.; 44 Boylston St., Little Building, Street Floor; 60 Norway St., corner Massachusetts Ave.; 1316 Beacon Street, Coolidge Corner. Authorized and approved literature on Christian Science may be read or obtained.

Ippen And Sawyer Join Tech Staff

Join Civil Eng. Dept. As Associate Professors

Dr. Arthur T. Ippen, assistant professor of civil engineering in charge of the hydraulic laboratory at Lehigh University, and widely known for outstanding research and professional activities in the field of hydraulics, has been appointed associate professor of hydraulics in the department of civil and sanitary engineering at the Institute. Professor Ippen was responsible for the complete revision of the hydraulic laboratory at Lehigh University and his appointment is part of a plan to expand the program in hydraulics in the department of civil and sanitary engineering at Technology where he will be in charge of work in fluid mechanics. The development of a new hydraulic laboratory is anticipated among the important post-war plans of the Institute.

Sawyer Appointed Professor

Dr. Clair N. Sawyer, formerly director of Wisconsin Lake Pollution Survey, and more recently special technical investigator for the South Dakota Board of Health, has also been appointed associate professor in the department of civil and sanitary engineering at the Institute.

The appointment of Dr. Sawyer is part of the plan to expand the program in sanitary engineering to meet the anticipated post-war demand for sanitary engineers. He will be concerned with the teaching of the operational phases of sanitary engineering including sanitary chemistry, water analysis, and fundamental research in water, sewage and industrial waste treatment and stream pollution abatement.

War Research

(Continued from Page 2)

the parent laboratory in Cambridge. It served the Air Force, the Ground Forces, and occasionally the U. S. Navy, the RAF and Royal Navy. It even maintained a substation in Paris in the later months of the war.

"I shall say nothing about the varied activities of this laboratory except to quote an excerpt from a letter of commendation:

"To Dr. John G. Trump from Lt. Gen. Carl Spaatz, Commanding U. S. Strategic Air Forces in Europe. (Dr. Trump, of the M.I.T. Electrical Engineering Department, was head of the BBRL). General Spaatz wrote:

"I should like to take this opportunity

Non-Swimmer Classes To Be Given In Pool

All civilian students who are unable to swim at least 100 yards are invited to attend voluntary swimming classes to be held from 4:00 to 4:45 P.M. on Mondays, Wednesdays, and Fridays. The first class will be held Monday, July 23. The instruction, to take place in the Alumni Pool, will be under the direction of Swimming Coach Gordon H. Smith.

Tech Swing Band, Concert Orchestra Join Music Groups

Two new organizations, the Techtonians, and the Concert Orchestra, have been recently created, and are now affiliated with the Combined Musical Clubs.

The Techtonians, which is essentially a swing band, was started at the end of last term. It is now rehearsing, and expects to be playing for dances within a month. The Concert Orchestra began rehearsals at the beginning of this term. Turnout for musical groups has been very good; however, freshmen are still welcome. The Glee Club anticipates more than 100 men before concerts begin next month.

Full schedules are being planned for all musical organizations for both the summer and the fall. The schedules are to be announced in a few weeks.

Officers of the Combined Musical Clubs elected at the end of last term are Carl Haushalter, 10-45, co-business manager, and Richard J. Steele, 2-46, treasurer. Officers elected previously are Robert P. Fried, 2-46, general manager, and Charles Dobony, 2-46, co-business manager.

tunity to congratulate you and your associates in the Advisory Specialist Group and in BBRL on the splendid job you have done and are doing to help us make more effective use of radio and radar weapons against the enemy. American scientists and engineers have given us electronic equipment of unprecedented military value, and I believe firmly that this equipment has contributed in large measure to the success of our Air Forces. However, introduction of these new devices into effective operational use has been possible only because we were able to overcome a great many technical difficulties. Also, there has been a continual necessity for field modifications of this equipment to meet the demands of changing operations."

Field Day Teams Launch Practice In Class Rallies

Sophs Meet Thursday, Frosh Friday; Active Work Begins July 30

Thursday and Friday of next week will mark the official send-off for Field Day Sports as the Sophomore and freshman rallies will be held on successive days in 10-250. In charge of upper classmen, the meetings are intended to muster the largest number of participants for the various competitive events and to explain such details as the rules and tactics of the glove fight.

As for the various sports, Coach Smith will begin actively training the respective swimming squads a week from Monday. Freshmen have already turned out in force for crew, as plans are under way for the fall season as well as for Field Day. The tug-of-war and softball squads will not organize until a week from Monday. With coaches already appointed, sailing squads are currently beginning to line up.

Track Coach Oscar Hedlund will anticipate the official commencement of Field Day practice by sending track activity into high gear at the beginning of next week. A substantial number of freshmen has already been indulging in daily workouts during the past week, so that some men will be prepared to start practice in earnest next Monday. Sophomore activity has yet to get under way, but it is expected that the new eligibility ruling will bolster the Sophomore track forces materially.

Course XIII Head

(Continued from Page 2)

officers of foreign navies in naval construction and engineering and has conducted a course in marine transportation. During the present war period several special intensive courses in the fields of naval architecture and marine engineering have been given.

Professor Keith's teaching career at Technology which began in 1910 when he was appointed instructor in naval architecture, was interrupted at the time of World War I by his active service as lieutenant commander in the Construction Corps of the Navy. At the time of his enlistment he was assistant professor of Naval Architecture. Thereafter he served as associate professor from 1922 to 1928, becoming a full professor in 1928. Eight years ago he succeeded Prof. James R. Jack as head of the department.

Prof. Padelford Addresses C.P.S.

Professional Societies Revive Stratton Prize

Prof. Norman J. Padelford of the Economics Department will speak before the Combined Professional Societies on Wednesday, August 1, at 5:00 P.M., in Room 6-120. The San Francisco Conference will be the topic of his lecture. Prof. Padelford was a United States delegate to both the Dumbarton Oaks and the San Francisco Conferences.

Prof. Padelford's lecture will be the first in a series to be sponsored by the C. P. S. this term. The C. P. S., which was reorganized a month before the end of last term, is sponsoring this series on topics which are both timely and of interest to persons in all technical branches.

Another objective of the C. P. S. is the revival of the Stratton Prize Contest, in which three cash prizes are presented annually to students presenting the best scientific lectures. Faculty members of the Stratton Prize Committee are Dr. James R. Killian, Jr., Dean Samuel C. Prescott and Prof. William H. Timbie.

The seven societies of the C. P. S. are the Sedgewick Biological Society, American Institute of Civil Engineers, American Institute of Electrical Engineers, American Society of Mechanical Engineers, Institute of Aeronautical Sciences, Society of Automotive Engineers, and the American Institute of Mining and Metallurgical Engineers. In the process of admission to the C. P. S. are the Physics Society, the Mathematics Society, the Architectural Society, and the Naval Architectural Society.

Dr. Killian will be faculty adviser of the C. P. S. The student officers are Harvey S. Freeman, 2-46, president; and Charles G. McKinney, 2-46, secretary. A vice-president and a treasurer will be elected at the first meeting of this term, which will be held next Tuesday. Delegates to the C. P. S. include the chairman and the vice-chairman of each of the member societies.

Frosh Reception

(Continued from Page 1)
er G. Caldwell, Dean of Humanities.

Should the weather be inclement, the affair will go on as planned, except that it will be held indoors at the Compton residence.

Debating Society To Hold Smoker Next Wednesday

The M.I.T. Debating Society will inaugurate its summer program next Wednesday, July 25, with a smoker in Litchfield Lounge, Walker Memorial. The time is 5:00 P.M. and all new students are invited. It will be under the direction of Marvin Sweeney, 10-46, and will include an informal, humorous debate.

One of the major activities which the Society will sponsor this season will be a series of classes in public speaking. These classes will be open to all students and research personnel of the Institute who wish to participate in practical speaking work.

To Use Recorder

Because of the great amount of enthusiasm already shown in the course, the English department has offered the Society the use of a recording machine. This will permit the students to keep a record of their progress.

The first meeting will be held during the week following the smoker, and will be under the direction of Mr. Edward F. Perry, of the English department. The subsequent sessions will be held weekly.

The Society is also sponsoring a freshman debating tournament, with teams from all sections participating. The date, subject, and rules will be announced at the smoker. The first round of the tournament will be held about the middle of August, and prizes will be awarded in September.

"The Tech" Business Dept.

Elections Are Announced

Four promotions to the Junior Board of The Tech were made and several new men were added to the staff as a result of elections held this week. The promotions were in the Business Department, and were based on the work done by the men during the past term.

The Junior Board promotions were: Paul Gerhardt, 2-47, Advertising Manager; Donald A. Mains, 2-47, and Donald S. Cohen, 10-46, Circulation Managers; and Paul V. Osborn, Jr., 2-47, Acting Treasurer.

Advanced to the position of Staff Assistant in the Business Department was Walter A. Lack, 2-47. Sumner Cohen, 10-47, was made a staff member.

CALENDAR

FRIDAY, JULY 20

5:00 P.M. T.C.A. Smoker—Faculty and Alumni Lounge
7:00 P.M. Outing Club Smoker—Faculty Lounge

SUNDAY, JULY 22

4:00-6:00 P.M. Freshman Reception—The President's House

MONDAY, JULY 23

5:00 P.M. Society of Automotive Engineers—Room 31-261
5:00 P.M. Dormitory Committee—Ware Lounge
7:30 P.M. Tau Beta Pi meeting—Faculty Lounge.

TUESDAY, JULY 24

5:00 P.M. Hillel Reception—Faculty Lounge
5:00 P.M. Combined Professional Societies—Ware Lounge
7:00 P.M. Glee Club—Room 1-390
7:00 P.M. Rocket Society—Litchfield Lounge

WEDNESDAY, JULY 25

5:00 P.M. Debating Society—Litchfield Lounge
5:00 P.M. Technique Smoker—Faculty Lounge

THURSDAY, JULY 26

5:00 P.M. Glee Club—Room 1-390
5:00 P.M. Sophomore Field Day Rally—Room 10-250

Dorms To Elect Floor Chairmen

T.C.A. Smoker Today; Prof. Stockmayer Spe

• Prof. Walter H. Stockmayer, ident of the Class of 1935, w the guest speaker at the Tech Christia Association smok be held this afternoon at 5:00 in the Faculty and Alumni Lo Marvin Sparrow, 2-46, newly el president of the T.C.A. will p at the meeting.

The purpose of the smoker acquaint the entering class what the T.C.A. is and what it The freshmen will be told of t portunities which the T.C.A. n offer them either as office assis or as members of the Boys' division. Joining the T.C.A. maticaly makes one a mem the freshmen cabinet with t portunities for advancement t senior cabinet after one o terms.

The T.C.A. has also anno the procurement of a num different maps of the Inst Cambridge, and Boston. The available for the asking whil last.

Outing Club

(Continued from Page 1)
orial Hall to-morrow night fro P.M. until 11:30 P.M. Music provided by the "Outing Club Hill Billy Band." Instruct square dancing will be given those unfamiliar with the

On Sunday, the members Outing Club will take a trip Blue Hills for a day of rock ing. Again, instruction will be provided for all beginners. T will start at 9:30 A.M. and over by sundown.